

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. **(currently amended):** An isolated RNA selected from the group consisting of:
a single stranded RNA ~~comprising~~ consisting of SEQ ID NO:3;
a single stranded RNA consisting of SEQ ID NO:3 with two uracil nucleotides appended to the 5'-end, the 3'-end, or both;
a single stranded RNA ~~comprising~~ consisting of a 19-28 nucleotide fragment of SEQ ID NO:3;
a single stranded RNA consisting of a 19-28 nucleotide fragment of SEQ ID NO:3 with two uracil nucleotides appended to the 5'-end, the 3'-end, or both;
a double stranded RNA ~~derived by annealing of~~ comprising SEQ ID NO:3 ~~and the complementary sequence thereof;~~ and
a double stranded RNA comprising ~~derived by annealing of~~ a 19-28 nucleotide fragment of SEQ ID NO:3 ~~and the complementary sequence thereof,~~
~~wherein said fragment of SEQ ID NO:3 is selected from the group consisting of~~
~~a 19 nt fragment of SEQ ID NO:3;~~
~~a 20 nt fragment of SEQ ID NO:3;~~
~~a 21 nt fragment of SEQ ID NO:3;~~
~~a 22 nt fragment of SEQ ID NO:3;~~
~~a 23 nt fragment of SEQ ID NO:3;~~
~~a 24 nt fragment of SEQ ID NO:3;~~

~~a 25 nt fragment of SEQ ID NO:3;~~
~~a 26 nt fragment of SEQ ID NO:3;~~
~~a 27 nt fragment of SEQ ID NO:3; and~~
~~a 28 nt fragment of SEQ ID NO:3.~~

2. (previously presented): The RNA of claim 1, wherein said RNA is modified at its 5' end or 3' end by adding two uracil nucleotides.

3. (currently amended): The RNA of claim 1, wherein said RNA is a hairpin RNA consisting of a stem part and a loop part,

wherein said stem part is a double stranded RNA ~~as claimed in claim 1, which is derived by annealing of SEQ ID NO:3 and the complementary sequence thereof comprising SEQ ID NO:3, or a double stranded RNA comprising a 19-28 nucleotide fragment of SEQ ID NO:3,~~
~~or the fragment of SEQ ID NO:3 and the complementary sequence thereof,~~
and wherein said loop is a non-complementary spacer.

4. (currently amended): A single-stranded or double-stranded DNA, wherein:

1) said single-stranded DNA or one strand of said double-stranded DNA ~~corresponds to~~encodes the RNA of claim 1, or its complementary sequence; or

2) said single-stranded DNA or one strand of said double-stranded DNA ~~corresponds to~~encodes the RNA of claim 2, or its complementary sequence; or

3) said single-stranded DNA or one strand of said double-stranded DNA ~~corresponds to~~encodes the RNA of claim 3, or its complementary sequence.

5. (previously presented): An expression vector comprising the RNA of any one of claims 1-3.

6. (previously presented): A liposome encapsulating the RNA of any one of claims 1-3.

7-8. (canceled).

9. (previously presented): A liposome encapsulating the vector of Claim 5.

10-12. (canceled).

13. (previously presented): An expression vector comprising the DNA of claim 4.

14. (previously presented): A liposome encapsulating the DNA of claim 4.

15. (previously presented): A liposome encapsulating the vector of Claim 13.